



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

OLIVER SCHÄFER et al.

Group Art Unit: Unknown

Examiner: Unknown

Serial No.: 10/595,035

Filed: January 9, 2006

For: METHOD FOR PRODUCING PHOSPHONATE-MODIFIED SILICONES

Attorney Docket No.: WAS 0740 PUSA

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97(b)**

Mail Stop Amendment  
Commissioner for Patents  
U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and §§ 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or SB08B are being submitted herewith for consideration by the Examiner. This statement is being filed in accordance with 37 C.F.R. § 1.97(b).


While this Statement is being filed in compliance with the duty of disclosure, citation of the listed references is not to be construed as an admission that any of the references are "material" as defined under 37 C.F.R. § 1.56(b).

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8 (FIRST CLASS MAIL)**

I hereby certify that this paper, including all enclosures referred to herein, is being deposited with the United States Postal Service as first-class mail, postage pre-paid, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on:

4/18/2006

Date of Deposit

William G. Conger  
Name of Person Signing  
Signature

S/N: 10/595,035

Atty Dkt No. WAS 0740 PUSA

Accompanying the Information Disclosure Statement is the statement of Dr. Klaus T. Mieskes describing the content of the references cited in the Information Disclosure Statement.

No copies of the listed U.S. patent references or the listed U.S. patent application publication references have been included herewith pursuant to 37 C.F.R. § 1.98(a)(2). All other references have been provided as required. Consideration and entry into the record of the listed references is respectfully requested.

Respectfully submitted,

**OLIVER SCHÄFER et al.**

By: 

William G. Conger

Reg. No. 31,209

Attorney/Agent for Applicant

Date: April 18, 2006

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
OLIVER SCHÄFER ET AL. :  
Serial Number : Group Art Unit:  
Filed :  
For: METHOD FOR PRODUCING PHOSPHONATE-MODIFIED SILICONES

Information Disclosure Statement

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir or Madam:

I, Markus Ege, associated with the preparation and prosecution of the above-identified application, residing at Kleinhaderner Straße 15, 80689 München, Germany, wish to call the attention of the Patent Examiner to the references enumerated on the enclosed PTO Form-1449.

I believe the documents enumerated on the enclosed Form PTO-1449 and attached thereto, are cited in the enclosed application, in an Office Action of the German Patent and Trademark Office as well as in the enclosed International Search Report and may be material to the examination of the application.

Therefore, it is respectfully requested that the foregoing Information Disclosure Statement be considered by the Examiner and incorporated into the file of this application.

I wish to comment as follows concerning the prior art references enumerated on PTO Form-1449:

US 2,843,615 A, cited in the International Search Report, is enclosed.

US 2, 768,193 A, cited in the application as well as in the International Search Report, is enclosed.

US 2,889,349 A, cited in the International Search Report, is enclosed.

For DE 101 15 928 A1, cited in the German Office Action, the corresponding English Derwent Abstract is enclosed.

US 3,019,248, cited in the German Office Action, is enclosed.

Gallagher et al., "Synthesis and Characterization of Phosphonate-Containing Polysiloxanes", J. Polym. Sci. Part A, vol. 41, pp. 48 – 59 (2003), cited in the application, is enclosed.

Andrianov K. A. and Kuznecova I. K., Izv. Akad. SSSR, 1961, No. 10, pages 1792 to 1794, cited in the German Office Action, is corresponding to "Fortschrittsberichte" (Progress Reports) 1962, Ref. 5627/62, which describes the reaction of trialkyl(aryl)-silanols with dimethylphosphinacid-methylethoxysilylmethylesters, an English Abstract is enclosed.

Andrianov K. A., et al., Doklady Akad. SSSR, 140, 1961, No. 2, pages 365 to 367, cited in the German Office Action, is corresponding to "Hochmolekularbericht" (High Molecular Report), 1962, Ref. H. 774/62, which describes the production of dimethylpolysiloxanes containing phosphorus having a regular structure, an English Abstract is enclosed.

Adranov K. A., et al., Vysokomol. Soedin., 1979, vol. 21, Ser. A, Nr. 7, pages 1640 to 1646, cited in the German Office Action, is corresponding to "Hochmolekularbericht" (High Molecular Report), 1980, Ref. H. 6602/80, which describes polymerization-exchange reactions of organocyclosiloxanes with  $\alpha$ ,  $\omega$ -dihydroxy-dimethyl-siloxanes containing phosphorus, an English Abstract is enclosed.

Bugerenko E. F., et al., Izv. Akad. SSSR, 1965, No. 2, pages 286 to 291, cited in the German Office Action, is corresponding to "Fortschrittsbericht" (Progress Report), 1965, Ref. 5218/65, describes the production of compounds containing phosphorus and silicon, an English Abstract is enclosed.

Signed this 16<sup>th</sup> day of January, 2006.

  
.....  
Dr. Markus Ege

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

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|---|--|--------------------------|--|
| Subtitle for Form 1449A/PTO<br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>APR 24 2006<br>(uses many sheets as necessary) |  | <b>Complete if Known</b> |  |
| Application Number  |  | 10/595,035               |  |
| Filing Date   |  | January 9, 2006          |  |
| First Named Inventor  |  | Oliver Schaefer et al.   |  |
| Group Art Unit  |  | Unknown                  |  |
| Examiner Name   |  | Unknown                  |  |
| Attorney Docket Number  |  | WAS 0740 PUSA            |  |

[illegible][illegible]

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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

\* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-96) (reproduced)  
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|---|-----------------------|---|---|--------------------------|----------------|----------------------|-----------------------|
| Substitute for Form 1449B/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |                       |   |   | <b>Complete if Known</b> |                |                      |                       |
|   |                       |   |   |                          |                | Application Number   | 10/595,035            |
|   |                       |   |   |                          |                | Filing Date          | January 9, 2006       |
|   |                       |   |   |                          |                | First Named Inventor | Oliver Shaefer et al. |
|   |                       |   |   |                          |                | Group Art Unit       | Unknown               |
|   |                       |   |   |                          |                | Examiner Name        | Unknown               |
| Sheet   | 2                     | of  | 2 | Attorney Docket Number   | WAS 0740 PUSA  |                      |                       |
| <b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>   |                       |   |   |                          |                |                      |                       |
| Examiner<br>Initials  | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |   |                          | T <sup>2</sup> |                      |                       |
|   |                       | English Derwent Abstract AN2003-031205[03] corres. to DE 101 15 928 A.  |   |                          |                |                      |                       |
|   |                       | English Abstract corres. to "Fortschrittsbericht" (Progress Reports) 1962, Ref. 5267/62.  |   |                          |                |                      |                       |
|   |                       | English Abstract corres. to "Hochmolekularbericht", High Molecular Report 1962, Ref. H. 774/62.   |   |                          |                |                      |                       |
|   |                       | English Abstract corres. to "Hochmolekularbericht", High Molecular Report 1980, Ref. H. 6602/80.  |   |                          |                |                      |                       |
|   |                       | English Abstract corres. to "Fortschrittsbericht" (Polymer Report) 1965, Ref. 5218/65.  |   |                          |                |                      |                       |
|   |                       | Gallagher et al., J. POLYMER. SCIENCE., Part A: Vol. 91, pp. 48-93 (2003).  |   |                          |                |                      |                       |
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|                       |                  |                    |            |
|-----------------------|------------------|--------------------|------------|
| Examiner<br>Signature | /Kuo Liang Peng/ | Date<br>Considered | 06/03/2008 |
|-----------------------|------------------|--------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.P./